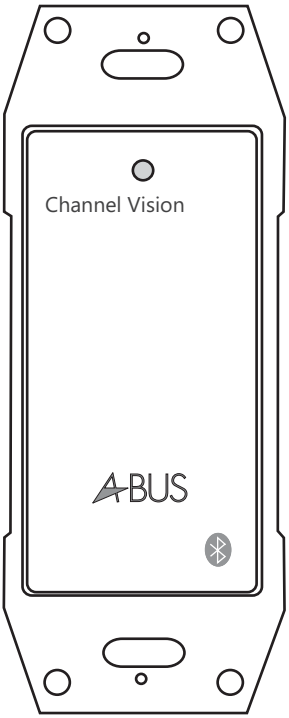
INSTRUCTIONS



AB-303

Bluetooth® Input Module for A-BUS® Audio Systems

CHANNEL VISION™

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Model AB-303

The **AB-303** A-BUS Bluetooth local input module provides a local wireless input connection for the purpose of streaming audio from sources such as smart-phones, tablets and computers, etc with Bluetooth capability to individual A-BUS equipped rooms. When the AB-303 is paired, it will automatically switch the music source from the main audio source to the local Bluetooth source. This local connection will remain until pairing is disconnected, or the Bluetooth device is out of range.
If pairing remains selected on the Bluetooth device, when it comes back into range, the connection will automatically reconnect and play audio in the zone.

Features:

- Adds Bluetooth streaming capability to existing or new A-BUS systems
- Functions as a main or local source

Operation:
To pair to the AB-303, consult instructions on pairing supplied with your Bluetooth device. The Bluetooth LIM identification code will have the prefix AB in front of the individual code number. When pairing occurs, a blue LED will light up on the front plate. For systems with multiple AB-303s, it is recommended the codes be changed to easily identify each room before completing installation.

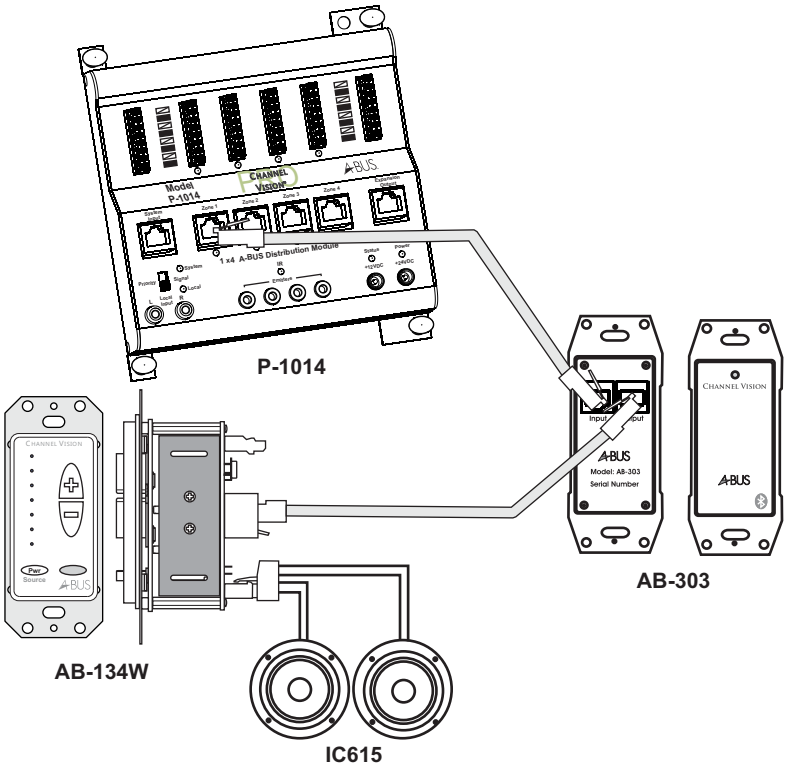
Operating Range:
Bluetooth devices are intended to provide wireless communication between enabled devices within a room. In ideal conditions, range can be up to 50'
This distance can be reduced significantly by transmission interference from other communication devices, electrical wiring and room construction materials, such as brick walls and concrete floors. When the AB-303 is operating near maximum range, the signal may intermittently drop in and out, as signal strength varies.

Bluetooth Source Volume Level Compatibility:
The audio output level from Bluetooth enabled devices can vary from brand to brand. Though the AB-303 has been adjusted to be equal to the output of most Bluetooth devices, in some cases the level may be different. Most devices have their own adjustable volume level, and it is recommended that this be used to adjust the output level to match the main audio source's volume level.

Room Identification:
Pairing each AB-303 requires the identification of an individual code number beginning with the prefix AB (ABxxx). This code number can be replaced with an individual room name identification such as Bedroom 1, Study, Patio, etc. prior to installation. To download the renaming software visit www.a-bus.com/bt. Once downloaded and installed, connect the AB-303 via the mini USB socket located at the side of the unit to your PC and start the program, follow the on screen prompts to rename the device.

Security Pairing Code:
When pairing for the first time, a security code is required. The default code is **1234.** The four digit number can be changed or switched off in the room naming software. Individual room naming and discrete security pairing code must be changed with the renaming software prior to installation.

Installation Diagram



Installation - Local Source:

- Using a zone output of A-BUS hub, plug the CAT5 cable into the RJ-45 input of the AB-303. Connect the RJ-45 output of the AB-303 into the RJ-45 input of the AB-134W.

Installation - Main Source:

- Using a CAT5 cable, take the RJ-45 output of the AB-303 into the CAT5 audio input on the A-BUS hub.

Symptom	Troubleshooting Steps
Not linking with Bluetooth device	**Warning: Do not adjust the volume all the way up if no audio is present. Doing so could damage your speakers if audio reconnects.** 1. Restart Bluetooth source device 2. Check Source device is connected to Wifi 3. Check the music source is active before pairing 4. The blue LED indicates when devices are paired 5. Try a different A-BUS source. 6. Make sure Bluetooth device is in play mode
Linking with Bluetooth device, but no audio is present	

CHANNEL VISION™

1 Year Limited Warranty

Channel Vision Technology will repair or replace any defect in material or workmanship which occurs during normal use of this product with new or rebuilt parts, free of charge in the USA, for one year from the date of original purchase. This is a no hassle warranty with no mail in warranty card needed. This warranty does not cover damages in shipment, failures caused by other products not supplied by Channel Vision Technology, or failures due to accident, misuse, abuse, or alteration of the equipment. This warranty is extended only to the original purchaser when purchased through an authorized reseller. A purchase receipt, invoice, or other proof of original purchase date will be required before warranty repairs are provided.Mail in service can be obtained during the warranty period by calling (714) 424-6500. A Return Authorization number must be obtained in advance and can be marked on the outside of the shipping carton.This warranty gives you specific legal rights and you may have other rights (which vary from state to state). If a problem with this product develops during or after the warranty period, please contact Channel Vision Technology, your dealer or any factory-authorized service center.Channel Vision products are not intended for use in medical, lifesaving, life sustaining or critical environment applications. Channel Vision customers using or selling Channel Vision products for use in such applications do so at their own risk and agree to fully indemnify Channel Vision for any damages resulting from such improper use or sale.

FC Tested To Comply With FCC Standards CE RoHS

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment. This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation. This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This device and its antenna must not be located or operating in conjunction with any other antenna or transmitter.

A-BUS is a registered trademark of LeisureTech Electronics. The A-BUS technology is covered by the following patents - United States US 7,181,023, 7,668,318 , 6,389,139; Australia AU 739808; New Zealand NZ 502982; Mexico MX 241196; Canada CA 2301062.

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